

DERWENT-ACC-NO: 2000-570604

DERWENT-WEEK: 200053

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TITLE: Therapeutic agent loading device for stents comprises  
anchor inserted in stent coated with therapeutic agent  
specific binding polymer and rolled on carrier soaked  
with therapeutic agent

PATENT-ASSIGNEE: ANONYMOUS[ANON]

PRIORITY-DATA: 2000RD-0434009 (May 20, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
RD 434009 A	June 10, 2000	N/A	002	A61M 000/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
RD 434009A	N/A	2000RD-0434009	May 20, 2000

INT-CL (IPC): A61M000/00

ABSTRACTED-PUB-NO: RD 434009A

BASIC-ABSTRACT:

NOVELTY - Stainless steel, glass or polymer anchor fixing (A) is securely

fitted and inserted within a stent (B) which is then precoated with a therapeutic agent specific binding polymer and rolled on a carrier (C) e.g. cloth or sponge soaked with therapeutic agent in suspension or solution. A tacky therapeutic agent paste (D) may be used if a binding agent is added.

USE - Used for loading stents and other devices used in blood vessels with therapeutic agent.

ADVANTAGE - The complexity of preloaded therapeutic agent delivery devices is eliminated, allowing the cardiologist the freedom to choose the most suitable therapeutic agent.

DESCRIPTION OF DRAWING(S) - The figure shows a vessel device on an anchor rolling on a carrier.

Anchor A

Vessel device B

Carrier C

Therapeutic paste D

CHOSEN-DRAWING: Dwg.1/2

TITLE-TERMS: THERAPEUTIC AGENT LOAD DEVICE STENT COMPRISE ANCHOR  
INSERT STENT

COATING THERAPEUTIC AGENT SPECIFIC BIND POLYMER ROLL CARRY SOAK  
THERAPEUTIC AGENT

DERWENT-CLASS: A14 A96 B07 D22 P34

CPI-CODES: A04-E08; A12-V03B; B04-C03B; B04-C03C; B04-C03D; B04-N02; B05-A03A;  
B05-B02C; B11-C04; D09-C01;

CHEMICAL-CODES:

Chemical Indexing M6 \*01\*

Fragmentation Code

M905 P520 R220 R241 R242 R303 R410 R530

Chemical Indexing M1 \*02\*

Fragmentation Code

H6 H601 H607 H609 H684 H689 H7 H721 M280 M312

M321 M332 M344 M363 M391 M416 M423 M424 M431 M740

M782 M904 M905 M910 N103 P520 R046

Specific Compounds

00975K 00975T 00975M

Registry Numbers

0975U

Chemical Indexing M1 \*03\*

Fragmentation Code

H7 H721 M210 M213 M231 M320 M423 M424 M431 M510

M520 M530 M540 M610 M740 M782 M904 M905 M910 N103

P520 R046

Specific Compounds

A009XK A009XT A009XM

Chemical Indexing M1 \*04\*

Fragmentation Code

F012 F013 F423 H7 H715 H721 J5 J521 L9 L941

M210 M212 M240 M281 M320 M423 M424 M431 M510 M521

M530 M540 M740 M782 M904 M905 N103 P520 R046

Specific Compounds

A00D5K A00D5T A00D5M

Chemical Indexing M1 \*05\*

Fragmentation Code

H4 H401 H481 H8 J4 J471 M280 M315 M321 M332  
M342 M381 M391 M423 M424 M431 M620 M740 M782 M904  
M905 N103 P520 R046

Specific Compounds

A05GFK A05GFT A05GFM

Chemical Indexing M1 \*06\*

Fragmentation Code

M423 M424 M431 M740 M782 M905 N103 P520 R046

Specific Compounds

A01A4K A01A4T A01A4M

Chemical Indexing M1 \*07\*

Fragmentation Code

M423 M424 M431 M740 M782 M904 M905 N103 P520 R046

Specific Compounds

24034K 24034T 24034M

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0975U

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; R00351 G1558 D01 D23 D22 D31 D42 D50 D73 D82 F47 ; P8004 P0975  
P0964 D01 D10 D11 D50 D82 F34 ; P0055 ; H0000

Polymer Index [1.2]

018 ; R01463 G0408 G0384 G0339 G0260 G0022 D01 D11 D10 D12 D26 D51  
D53 D58 D63 D86 F27 F26 F41 F89 ; H0000 ; P0088

Polymer Index [1.3]

018 ; G0408\*R G0384 G0339 G0260 G0022 D01 D11 D10 D12 D26 D51 D53  
D58 D63 F26 F27 F41 F89 ; H0000 ; H0011\*R ; P0088

Polymer Index [1.4]

018 ; G0635 G0022 D01 D12 D10 D23 D22 D31 D41 D51 D53 D58 D75 D86  
F71 ; H0000 ; H0011\*R

Polymer Index [1.5]

018 ; G3703 G3623 P0599 D01 D11 D10 D23 D22 D32 D76 D78 D50 D60  
D93 F24 F29 F26 F93 F70 F36 F35 ; M9999 M2073 ; S9999 S1365

Polymer Index [1.6]

018 ; R01295 G2131 D01 D23 D22 D31 D42 D50 D77 D86 F43 ; P1978\*R  
P0839 D01 D50 D63 F41 ; P0055 ; H0000

Polymer Index [1.7]

018 ; R00009 G2108 D01 D11 D10 D50 D60 D83 F27 F26 F36 F35 ; P1978\*R  
P0839 D01 D50 D63 F41 ; H0000

Polymer Index [1.8]

018 ; R00448 G2108 D01 D11 D10 D50 D60 D82 F27 F26 F36 F35 ; P1978\*R  
P0839 D01 D50 D63 F41 ; H0000

Polymer Index [1.9]

018 ; R24034 G3714 P0599 D01 F70

Polymer Index [1.10]

018 ; P1332 P1694

Polymer Index [1.11]

018 ; P1592\*R F77 D01

Polymer Index [1.12]

018 ; ND01 ; Q9999 Q8037 Q7987 ; Q9999 Q8048 Q7987 ; Q9999 Q8059  
Q7987 ; Q9999 Q7250 ; K9687 K9676 ; K9676\*R ; K9574 K9483 ; B9999  
B4488 B4466 ; K9416

Polymer Index [1.13]

018 ; K9712 K9676 ; K9552 K9483 ; K9529 K9483 ; Q9999 Q6791

Polymer Index [2.1]

018 ; R00975 G0022 D01 D12 D10 D51 D53 D59 D69 D82 F\* 7A ; H0000  
; P0511

Polymer Index [2.2]

018 ; R00964 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D83 ;  
H0000 ; P1150 ; P1343

Polymer Index [2.3]

018 ; R00479 G0384 G0339 G0260 G0022 D01 D11 D10 D12 D26 D51 D53  
D58 D63 D85 F41 F89 ; H0000 ; P0088 ; P0113

Polymer Index [2.4]

018 ; ND01 ; Q9999 Q8037 Q7987 ; Q9999 Q8048 Q7987 ; Q9999 Q8059  
Q7987 ; Q9999 Q7250 ; K9687 K9676 ; K9676\*R ; K9574 K9483 ; B9999  
B4488 B4466 ; K9416

Polymer Index [2.5]

018 ; B9999 B5447 B5414 B5403 B5276

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2000-169908

Non-CPI Secondary Accession Numbers: N2000-422096

